

Test Report

No.: 70.431.22.16161.01

Dated: 2023-01-11



Greater China

Applicant: POLYCONCEPT GBS
Address: 4/F., HONGQIAO RONGGUANG BLDG., 11 CHANGSHUN ROAD SHANGHAI, 200051, PR CHINA
Product Name: Felta GRS cooler tote-mgrey
Model No.: 21074382
PO/Order No.: PO#656979
Manufacturer: #10502
Factory Code: #13924
Country of Origin: CHINA
Country of Destination: EU
Receipt Date of Sample: 2022-12-08
Date of Testing: 2022-12-08 to 2023-01-11
Sample Submitted: The sample(s) was (were) submitted by applicant and identified.
Test Result: Refer to the data listed in following pages

Test Item	Conclusion
1. Overall Migration	Pass
2. Extractable Heavy Metals	Pass

Remarks: 1. MDL = Method Detection Limit
2. ND = Not Detected (<MDL)
3. <= Less than
4. 1 mg/kg = 1 ppm = 0.0001%
5. mg/dm² = milligram per square decimeter
6. The migration results in this report were tested and expressed based on repeated use articles.
7. The testing approach, the testing methods, and the reported results in this report demonstrate compliance or non-compliance to the client's requirements which were mutually agreed at the contract review and stipulated in the quotation. The testing approach, the testing methods, and the reported results may not or only partially fulfil the associated requirements of the applicable regulations.

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TÜV SÜD Certification and Testing (China) Co.,Ltd. Shanghai Branch
Testing Center

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Note:

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- (2) The results relate only to the Items tested.
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- (4) **Disclaimer Measurement Uncertainty:**
Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties.
Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.

Description of the Tested Subject

Sample	Description	Photo
001	Felta GRS cooler tote-mgrey	

T. No	Sample	Description
T1	002	Silvery Aluminum foil (lining)





Test Results

1. Overall Migration

- With reference to EN 1186-3:2022 migration in evaporable simulants.
- Sample 002 Migration ratio: 4.0g/1.00dm²

Simulant(s) Used	Test Condition	Overall Migration Result(s) [mg/dm ²]			Maximum Permissible Limit [mg/dm ²]	Conclusion
		002 1 st Migration	002 2 nd Migration	002 3 rd Migration		
MPPO	40°C for 10 days	<3.0	<3.0	<3.0	10	Pass

Note: Limit was according to client's requirement





2. Extractable Heavy Metals

- Test with reference to EN 13130-1:2004.
- Test condition: Artificial tap water, 40°C for 24 hours
- Sample 002 migration ratio: 150ml/1.00dm²

Test Item(s)	Result(s) [mg/kg]		Maximum Permissible Limit [mg/kg]		Conclusion
	002				
	3 rd migration	1 st + 2 nd migration	3 rd migration	1 st + 2 nd migration	-
Silver	<0.01	<0.02	0.08	0.56	Pass
Aluminium	<0.5	<1.0	5	35	Pass
Cobalt	<0.01	<0.02	0.02	0.14	Pass
Chromium	<0.02	<0.04	0.25	1.75	Pass
Copper	<0.2	<0.4	4	28	Pass
Iron	<1.0	<2.0	40	280	Pass
Magnesium	<0.05	<0.1	--	--	--
Manganese	<0.2	<0.4	1.8	12.6	Pass
Molybdenum	<0.01	<0.02	0.12	0.84	Pass
Nickel	<0.02	<0.04	0.14	0.98	Pass
Tin	<1.0	<2.0	100	700	Pass
Titanium	<0.05	<0.1	--	--	--
Vanadium	<0.01	<0.02	0.01	0.07	Pass
Zinc	<0.5	<1.0	5	35	Pass
Arsenic	<0.001	<0.002	0.002	0.014	Pass
Barium	<0.1	<0.2	1.2	8.4	Pass
Beryllium	<0.01	<0.02	0.01	0.07	Pass
Cadmium	<0.001	<0.002	0.005	0.035	Pass
Mercury	<0.001	<0.002	0.003	0.021	Pass
Lithium	<0.01	<0.02	0.048	0.336	Pass
Lead	<0.01	<0.02	0.01	0.07	Pass
Antimony	<0.01	<0.02	0.04	0.28	Pass
Thallium	<0.0001	<0.0002	0.0001	0.0007	Pass

Note: Limit was according to client's requirement

- End of Test Report -